

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/530,951  
Source: TFWP  
Date Processed by STIC: 08/25/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 08/25/2006

PATENT APPLICATION: US/10/530,951

TIME: 14:42:24

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\08252006\J530951.raw

3 <110> APPLICANT: Hariharan, Kandasamy  
 4 Daniels, Mark  
 5 McLachlan, Karen  
 7 <120> TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN  
 DEVELOPING NOVEL  
 8 THERAPEUTICS  
 10 <130> FILE REFERENCE: 2159.0620008/EKS/J-H  
 12 <140> CURRENT APPLICATION NUMBER: 10/530,951  
 C--> 13 <141> CURRENT FILING DATE: 2005-04-07  
 15 <150> PRIOR APPLICATION NUMBER: PCT/US03/16253  
 16 <151> PRIOR FILING DATE: 2003-06-10  
 18 <150> PRIOR APPLICATION NUMBER: 60/386,748  
 19 <151> PRIOR FILING DATE: 2002-06-10  
 21 <150> PRIOR APPLICATION NUMBER: 60/396,141  
 22 <151> PRIOR FILING DATE: 2002-07-17  
 24 <150> PRIOR APPLICATION NUMBER: 60/405,319  
 25 <151> PRIOR FILING DATE: 2002-08-23  
 27 <150> PRIOR APPLICATION NUMBER: 60/428,274  
 28 <151> PRIOR FILING DATE: 2002-11-22  
 30 <160> NUMBER OF SEQ ID NOS: 102  
 32 <170> SOFTWARE: PatentIn version 3.3  
 34 <210> SEQ ID NO: 1  
 35 <211> LENGTH: 473  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Homo sapiens  
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 40 gatgttgaaa taatcttttt atttgctcgt cctctaagct cccaaggaaa ttgaaaatac 60  
 42 ccgaatactg ggtaaatcca agtttttact attcatgtaa tttttaaaaa taggtaaaag 120  
 44 ctagttttat accagccctc gaaagttgta gagcagctgt atctggtagg aagaatccgt 180  
 46 actcaatgaa aatgtcgggt gagacagaac aggccttcagt agatgtttat agatgttttc 240  
 48 acatgtttaca aattaaagta tattcatctc cagtgcacaa agactaatc tgtattgaag 300  
 50 agtccctcag ctgctagggt gaccagcagc ccaggcctga gggctttcct ggaacctgaa 360  
 52 acttttcaatg ctaaaactag gacagtccca ggccaaccag gatggttggg cattcttcta 420  
 54 gttgctgaga ttttgaaatc aatatttagt gttcattcta ctgttattgg aat 473  
 57 <210> SEQ ID NO: 2  
 58 <211> LENGTH: 2992  
 59 <212> TYPE: DNA  
 60 <213> ORGANISM: Homo sapiens  
 63 <220> FEATURE:  
 64 <221> NAME/KEY: misc\_feature  
 65 <223> OTHER INFORMATION: n is a, c, g, or t  
 67 <220> FEATURE:  
 68 <221> NAME/KEY: misc\_feature  
 69 <222> LOCATION: (637)..(637)

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72 <220> FEATURE:  
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74 <222> LOCATION: (1192)..(1192)  
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88 <221> NAME/KEY: misc\_feature  
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90 <223> OTHER INFORMATION: n is a, c, g, or t  
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93 <221> NAME/KEY: misc\_feature  
94 <222> LOCATION: (1453)..(1453)  
95 <223> OTHER INFORMATION: n is a, c, g, or t  
97 <220> FEATURE:  
98 <221> NAME/KEY: misc\_feature  
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100 <223> OTHER INFORMATION: n is a, c, g, or t  
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103 <221> NAME/KEY: misc\_feature  
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110 <223> OTHER INFORMATION: n is a, c, g, or t  
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129 <222> LOCATION: (1549)..(1549)  
130 <223> OTHER INFORMATION: n is a, c, g, or t

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132 <220> FEATURE:  
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135 <223> OTHER INFORMATION: n is a, c, g, or t  
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140 <223> OTHER INFORMATION: n is a, c, g, or t  
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143 <221> NAME/KEY: misc\_feature  
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150 <223> OTHER INFORMATION: n is a, c, g, or t  
152 <220> FEATURE:  
153 <221> NAME/KEY: misc\_feature  
154 <222> LOCATION: (1577)..(1577)  
155 <223> OTHER INFORMATION: n is a, c, g, or t  
157 <220> FEATURE:  
158 <221> NAME/KEY: misc\_feature  
159 <222> LOCATION: (1582)..(1582)  
160 <223> OTHER INFORMATION: n is a, c, g, or t  
162 <220> FEATURE:  
163 <221> NAME/KEY: misc\_feature  
164 <222> LOCATION: (1588)..(1588)  
165 <223> OTHER INFORMATION: n is a, c, g, or t  
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168 <221> NAME/KEY: misc\_feature  
169 <222> LOCATION: (1598)..(1598)  
170 <223> OTHER INFORMATION: n is a, c, g, or t  
172 <220> FEATURE:  
173 <221> NAME/KEY: misc\_feature  
174 <222> LOCATION: (1600)..(1601)  
175 <223> OTHER INFORMATION: n is a, c, g, or t  
177 <220> FEATURE:  
178 <221> NAME/KEY: misc\_feature  
179 <222> LOCATION: (1604)..(1604)  
180 <223> OTHER INFORMATION: n is a, c, g, or t  
182 <220> FEATURE:  
183 <221> NAME/KEY: misc\_feature  
184 <222> LOCATION: (1606)..(1606)  
185 <223> OTHER INFORMATION: n is a, c, g, or t  
187 <220> FEATURE:  
188 <221> NAME/KEY: misc\_feature  
189 <222> LOCATION: (1608)..(1608)  
190 <223> OTHER INFORMATION: n is a, c, g, or t  
192 <220> FEATURE:

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193 <221> NAME/KEY: misc_feature
194 <222> LOCATION: (1612)..(1612)
195 <223> OTHER INFORMATION: n is a, c, g, or t
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198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: (1623)..(1623)
200 <223> OTHER INFORMATION: n is a, c, g, or t
202 <220> FEATURE:
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204 <222> LOCATION: (1625)..(1625)
205 <223> OTHER INFORMATION: n is a, c, g, or t
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: (1640)..(1641)
210 <223> OTHER INFORMATION: n is a, c, g, or t
212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (1649)..(1649)
215 <223> OTHER INFORMATION: n is a, c, g, or t
217 <400> SEQUENCE: 2
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220 gccagtcagt ggttgggtgg cagttatcag gacaggacgg aattctttgt caggccgctc 120
222 agttttcatg gtgaacctgt gataaggag tggagtctgg ccacggtgtc aggtgatctg 180
224 ctgaagtcca tggaaggatc ttccagtcct tgtttttcag atattggttt ctgtttatct 240
226 cttagaaaag ctggtataaa cacaaagagg gggtagctag gcataatctaa cctcctatct 300
228 catcaaaagg agggaaaactt aaagtttttc tgggtgatct gggccaagag ggggtccattc 360
230 agtctgtcag aggcattcaga ttctattctg gttccacagg ggactccaga acgtgattcc 420
232 cgggtctctc accttaaatcc tgtcatcacc ctaggagatt ttagtggcaa tgtagatagt 480
234 tcttcctagc tctgagctca aagtttccca aagggatttt ttctagttat gagagacatt 540
236 aatgggtgta gggatagaga gattaaatga gacctatgat cacataagtt tggaaaatga 600
W--> 238 tgaataagca aagggtaatg tagaagaaga aatttttnatt taaaaccaaa gctgatgatg 660
240 tggattccta ataagataag tgagcaacaa cttggagggg gcccagggtg gggagagcaa 720
242 tttttctgcc agacagctca tcaactgaca ccaactggca ggacatcctg ttcccaaata 780
244 cctcactcca cacatagccc caacagcaca acctcattct gcacataccc cctccagtac 840
246 aaccctagaa aacttccctc cagtccctgc ctctttgcag acagcccctt ctctgccgtg 900
248 ctgcccattg cctccttgca acataattct cctgtaataga gcttgctttc tttaactcac 960
250 tactgtcttg gtaaaattctt ttaccatctg tgacgccagc cccagccagt tgcacctgca 1020
252 acagatgaca gctacttctg tcttctaagg agggtggaat ggttcacatc gataagaaaa 1080
254 tacgtactcc atggctccat tccacttacg gggactggag tggggaggag aaagtagaaa 1140
W--> 256 ggaaactaac atttctgtgc ttctgcgtct tttctatgtt gatgacctgc angtgcaggg 1200
258 cagacagccc atgtgacctg attgcctaag attttcctgc tgtacacctg ttggccagca 1260
260 aagttattac taggcccact ttcaatctta aaagtgtcat agtttgagc acgtattatg 1320
262 tggttacctg ttaatgaggc tttgaaaatg taaaagttag ttcaagacca aataaggaga 1380
W--> 264 ggaaagcaaa gttgttttng tacaataaag tgaggagagt tgagttgggg tagggmngga 1440
W--> 266 gggggcnagg ganataaaan gaaagttttg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1500
W--> 268 nnnnnnnnnn nnnnnnnnnn cngcctaann ncanaaataa gggggnaant ggtaaaaagg 1560
W--> 270 tncnctnnaa aatnngntgg anaatttnaa agggaggntn naantnanag tngaaagtga 1620
W--> 272 ccntnaaaaa aataaacccn nctggaaant tctcagaatc tcaggatggg cccagagta 1680
274 tctaaagatg ctacagttca agggattgag ccaattgtat ataaatctta atggataggt 1740

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276 tgacctcagc ataaaacttg ggtggaaatt ttaaacaggt ttctttatct cagcacttct 1800
278 cagagcactc attgtataag gtactttgtg aatatccaga tagtattctt caaactctct 1860
280 tttatttccc cagggggcat cccataggac aagaagcatt ctttgtgaca ctctgtggga 1920
282 agagctggtt taaaggggta cctgtctggg caacactgtc ccacaggggc ccccatgacc 1980
284 aaactaactc tgcttctacc cagaaagggt gcagagtagc cactagactt ttatgtggca 2040
286 aatgggatgg ttatgccag cctgaagcca agatgccctt tctggttgcc ttgatttggt 2100
288 tttaacagct ccaaatgctt aatgaggcag taagagacgt ctctcttggg cagtacttcc 2160
290 caactagggg tgagtttgcc acccttacct ccatcccagt gaatatttgc aattcctaaa 2220
292 gacgtgtttt gattgtcaca cctgggtggg gaacatgcta ctggcatcta atgcatagag 2280
294 ggcagtaaat ctgctaaaca tctttcaacg cacagggaca gagccccaca aaaaagaatt 2340
296 atctaggccc caaatgtcca taacactgct gttgagaaaa acctaccgca ggatcttact 2400
298 gggcttcata ggtaagcttg cctttgttct ggcttctgta gatataataa ataaagacac 2460
300 tgcccagtc ctcctcaac gtcccagacc agggctcaag gcaattccaa taacagtaga 2520
302 atgaacacta aatattgatt tcaaaatctc agcaactaga agaatgacca accatcctgg 2580
304 ttggcctggg actgtcctag ttttagcatt gaaagtttca ggttccagga aagccctcag 2640
306 gctgggctg ctggtcacc tagcagctga gggactcttc aatacagaat tagtctttgt 2700
308 gcactggaga tgaatatact ttaatttgta acatgtgaaa acatctataa acatctactg 2760
310 aagcctgttc tgtctgcacc gacattttca ttgagtacgg attcttctta ccagatacag 2820
312 ctgctctaca actttcgagg gctggtataa aactagcttt tacctatttt taaaaattac 2880
314 atgaatagta aaaacttgga ttaacccagt attcgggtat tttcaatctt ccttggggagc 2940
316 ttagaggacg gacaaaataaa aagattatct caacatcaaa aaaaaaaaaa aa 2992
319 <210> SEQ ID NO: 3
320 <211> LENGTH: 477
321 <212> TYPE: DNA
322 <213> ORGANISM: Homo sapiens
324 <400> SEQUENCE: 3
325 ttttaaaagt tgtcataatg caaattttat tttgattagt ttttgtgact cctttatctt 60
327 aaaccagcg atgcttgcca cttcccaagg tgtaaaaatg tgaagattaa ggtaaactga 120
329 atgtcgagga gtgtaaagag atggcaaaac acagataaaa acatccaaaa agcctctggg 180
331 ggcaggtcaa gcttatgatt caacagttag aaaaccaaaa ttacttggac atccccttct 240
333 acttaaaagt atatactgga attgaaaata ttaactgtta gttttagaaa ctaagattac 300
335 ttgaagtagg ctcatccag aatgcttttc ttttttctt cctgaaacaa ttacatcaaa 360
337 cttagatata ctaatgttta tttttagata tactccttaa aggcatttat gttcaccctt 420
339 ttcgaggatg agaaatttac attaactaat aaacttaaca ttgatcttaa gaactgg 477
342 <210> SEQ ID NO: 4
343 <211> LENGTH: 340
344 <212> TYPE: DNA
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 4
348 tttttttttt tttttttttt aggattccaa attttatttt ttaaaaaatt gaaaaaacac 60
350 acccaggaca acatttcttt gatcaataaa ctttcaggaa atggagggaag ctgttttggg 120
352 acacattcaa agctagttaa cttgaacttg gaaatagggt tttgacaatc caactatggg 180
354 aaacaaatct ctgaacaaat tttaaatgaa acctcaccct cccaaaactgt tcaagtggca 240
356 gacaaaataa attaccataa attatatgcc aacacacctt ttaaaaaaca acaacagcaa 300
358 caacaaaaac ccaggagtct gaggatttcc ttagctcctc 340
361 <210> SEQ ID NO: 5
362 <211> LENGTH: 1121
363 <212> TYPE: DNA
364 <213> ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING ERROR SUMMARY  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 637,1192,1399,1436,1437,1447,1453,1460,1471,1472,1473,1474  
 Seq#:2; N Pos. 1475,1476,1477,1478,1479,1480,1481,1482,1483,1484,1485,1486  
 Seq#:2; N Pos. 1487,1488,1489,1490,1491,1492,1493,1494,1495,1496,1497,1498  
 Seq#:2; N Pos. 1499,1500,1501,1502,1503,1504,1505,1506,1507,1508,1509,1510  
 Seq#:2; N Pos. 1511,1512,1513,1514,1515,1516,1517,1518,1519,1520,1522,1529  
 Seq#:2; N Pos. 1530,1531,1534,1546,1549,1562,1564,1567,1568,1574,1575,1577  
 Seq#:2; N Pos. 1582,1588,1598,1600,1601,1604,1606,1608,1612,1623,1625,1640  
 Seq#:2; N Pos. 1641,1649  
 Seq#:8; N Pos. 319  
 Seq#:12; N Pos. 434  
 Seq#:13; N Pos. 238  
 Seq#:17; N Pos. 444,447,499  
 Seq#:24; N Pos. 233  
 Seq#:25; N Pos. 387,395,398,439,460,463

**Invalid <213> Response:**

Use of "Artificial" only as "<213> Organism" response is incomplete,  
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:35,36,47,48,49,50,51,52

## VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:600  
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1140  
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1380  
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1440  
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1500  
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1560  
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1620  
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:300  
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:420  
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180  
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:420  
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:480  
L:1376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180  
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:360  
L:1413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:420